

Human Aggrecan (AGC) RTU ELISA Kit | AGC rtu elisa kit

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CATALOG #
AAA68944

REACTIVITY
Human

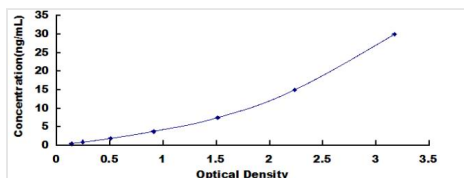
PRODUCT SYNONYMS

Aggrecan (AGC); Human Aggrecan (AGC) ELISA Kit; ACAN; AGC1; AGCAN; CSPG1; CSPCP; CSPGCP; MSK16; SEDK; Cartilage-specific proteoglycan core protein; Large Aggregating Proteoglycan; Chondroitin Sulfate Proteoglycan 1; AGC rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	2431
Assay Type	Sandwich
Samples	Serum, Plasma or Other Biological Fluids.
Detection Range	0.468-30ng/mL
Sensitivity	0.16ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGC rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to AGC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to AGC. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain AGC, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of AGC in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[256017259](#)

NCBI GeneID	176
NCBI Accession #	NP_001126.3
NCBI GenBank Nucleotide #	NM_001135.3
UniProt Accession #	P16112; Q13650; Q9UCD3; Q9UCP4; Q9UCP5; Q9UDE0; B9EK55; E7ENV9; E7EX88; H0YM81
Molecular Weight	250,372 Da
NCBI Official Full Name	aggrecan core protein isoform 1
NCBI Official Synonym Full Names	aggrecan
NCBI Official Symbol	ACAN
NCBI Official Synonym Symbols	AGC1; SEDK; AGCAN; CSPG1; MSK16; CSPGCP; SSOAOD
NCBI Protein Information	aggrecan core protein
UniProt Protein Name	Aggrecan core protein
UniProt Gene Name	ACAN
UniProt Synonym Gene Names	AGC1; CSPG1; MSK16; CSPCP; Chondroitin sulfate proteoglycan 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/aggrecan-agc/68944>